





CHANGING THE BATTERY





The Two-Way remote transmitter is powered by one "AAA" Battery. When the power of the battery weakens, a  icon shall be displayed on the LCD screen. When the old battery is replaced, there will be beep sounds to indicate the power is back up on the transmitter.















The One-way remote is powered by one CR2032 Battery. To replace battery use a coin or small flat blade screwdriver to carefully pry apart case









Button Beeper: Press  button 2 times first then press and hold  button for 1 second to enter Button Beeper Mode, under this mode then keep press  button to turn on the button beep **B:ON** or turn off the button beep **B:OFF**.

Button Lock Mode: Press  button 3 times first then press and hold  button for 1 second to enter Button Lock Mode, under this mode then keep press  button to select Button Lock On or Off. The remote control will beep/vibrate 2 times and  icon will display when a button is pressed indicating it is locked.


































Tone / Vibrating Mode: Press  button 2 times first then press  button to enter Tone / Vibrating Mode, Under this mode then keep press  button to select Tone Mode ( icon will display) or Vibrating Mode ( icon will display) or both  and  icon will display).

2nd car mode Operation: Press  button 3 times first then press  button to enter, press  button to select CAR 2 ( icon & **C-2** will display) or CAR 1 operation ( icon will disappear & **C-1** display on LCD screen)


Power Saver Mode: Press  button 3 times first then press and release  button to enter Power Saver Mode, press  button to enable power save mode and  icon will display or disable power save mode and  icon disappear While in Power Save Mode the LCD transmitter will not look for any incoming signals from the main unit a button is pressed.








EXIT: Inactive 10 seconds or press other button to leave the setting except  button.



STANDARD LCD ICON CONFIGURATIONS:

	The lock icon will be displayed when the door are locked.		The unlock icon will be displayed when the door are unlocked.
ARMED	System Armed		Valet Mode All the function shall be temporarily on hold
	Hidden Alarm Mode The system arm with hidden alarm function (silent alarm)		The system has been triggered
	Door Trigger (Zone 1) Door is illegally opened		Door Ajar you have left a door lid ajar
	Trunk Trigger (Zone 2) Trunk is illegally opened		Trunk Ajar you have left a trunk lid ajar
	Hood Trigger (Zone 3) Hood is illegally opened.		Hood Ajar you have left a hood lid ajar
	Shock Sensor Trigger (Zone 4) No Icon = Shock Sensor Bypass With Icon = With Shock Sensor Icon Flashing = Shock Sensor trigger		Tilt Sensor Trigger (Zone 5) No Icon = Tilt Sensor Bypass With Icon = With Tilt Sensor Icon Flashing = Tilt Sensor trigger
	Ignition Trigger (Zone 6) (Icon flash) Ignition switch was illegally turned on.		Warn-away Trigger No Icon = Warn-away Bypass With Icon = With Warn-away Icon Flashing = Warn-away trigger
	System Trigger or Panic mode		Trunk Release
	Engine Cranking Your vehicle engine cranking by remote control.		Engine Running Your vehicle's engine is running
	Timer Control Start Engine starts automatically every 2 hours		Timer Control Start Engine starts automatically every 3 hours
	Daily timer Start Start at the predetermined time of the next day		Manual Transmission Mode
	2nd Car Operation		Button Lock
	Remote Transmission You are transmitting the signal to control unit.		In - Range Indicator You are within the range of the remote control.
	Low Battery		Power Save
	Tone Mode		Vibration Mode
	Alarm Clock		Parking Meter Reminder when time is up for parking











































LCD TRANSCIVER BUTTON CONTROL:

- Press the  buttons the number of times corresponding to the **Level** you wish to select; the LCD will display LEVEL number (**L1 L2 L3**)
- Press the button while LEVEL number text is still on to perform the command.

Button	 x 1 Level 1	 x 2 Level 2	 x 3 Level 3
	Aux 1 CH1	Aux 2 CH2	
1.0 sec. 	Vehicle's Status Check / Alarm Report	Button Beeper	Button Lock
	Remote Valet	Tone / Vibrating Mode	Car 1 / Car 2 operation
	Timer Start	Daily Timer Start	Power Save Mode

Vehicle's Status Check / Alarm Report: Press  button 1 times first then press and hold  button for 1 second. The LCD remote transceiver will display current status of the vehicle. (Include trigger state of vehicle)




REMOTE TRANSMITTER OPERATION:




	System Function	Remark
	Arm & Lock Doors	Press the Lock button for a half second
	Silent Arm & Lock Doors	Press and hold for 1.0 seconds
	Panic Function	Press and hold for 3 seconds to Activate or Deactivate panic function
 - 	Arm and Warn-Away Bypass	Press  Twice within 3 seconds.
 - 	Arm and Warn-Away & Shock Sensor Bypass	Press  button 3 times within 3 seconds.
 - 	Arm and Tilt Sensor Bypass	Press the  button first then press  button
 - 	Arm and All Sensors Bypass	Press  2 times and hold the second times for 2 seconds
 - 	Arm and Hidden Alarm Function	Press and hold  button for 1 sec. first then press and release  button
	Disarm & Unlock Doors	Press the Unlock button for a half second
	Silent Disarm & Unlock Doors	Press and hold for 1.0 seconds
	Passive Arming Bypass	Press and hold for 3 seconds
 - 	Disarm & Two Steps Door Unlock (optional)	Press twice within 3 seconds
	Trunk Release (Aux 1)	Press and hold for 3 seconds
	Light up the LCD indicator	Press and hold for 1 seconds
	LCD Remote Program Setting	Press  2 times and hold the second times for 2.0 seconds
 - 	Car Finder	Press and hold  button for 1 sec. first then press & release  button.
	Activate or Deactivate the Remote Start	Press  button once. Press  button twice if set to start safety mode.
	Runtime Reset	Press and hold for 2 seconds
 - 	Timer Start	Press the  button first then press  button.
 + 	Turbo Mode	Press and hold for 2 seconds
 + 	Aux 2 Timer Output	Press together & release.
 + 	Switch Code for 2nd Car Operation	Press and hold for 2 seconds
 + 	Shutdown Diagnostic	Press and hold for 2 seconds


ALARM OPERATING CONDITION



LED On Duty	Siren / Horn	Parking Light	LED	Doors	Starter	Dome Light
Arming	1 or 3 Chirps	1 Flash	Slow Flash	Locking	Disable	
Disarming	2 or 4 Chirps	2 or 3 Flashes	OFF	Unlocking		Turns on for 30-Seconds
Trigger	Alarming	Flashes	Flashes Pause		Disable	Flashes
Hidden Alarm		Flashes	Slow Flash		Disable	Flashes
Passive Arming			Fast Flash			
Panic	Alarming	Flashes				Flashes
Car Finder	6 Chirps	12 Flashes		Locking		

ACTIVE ARMING – LOCK & ARM



- Press the  button on the transmitter.
- The alarm arms, doors lock (if connected), and the siren chirps and parking lights flash once. The  + **ARMED** icon and play to confirm and the System Status Icons update. If Valet Mode* is ON, the doors lock and the  + **ZZ** icon and tone play on the LCD transceiver. Exit Valet Mode to arm the alarm normally.




DEFECTIVE SENSOR REMINDER: If the siren sounds 3 chirps and the defective  /  /  icon will display on the LCD screen, then you have left a door, trunk, or hood lid ajar. (See feature bank 1-06)





SILENT ARMING: Press and hold the transmitter  buttons for 1.0 second. This will arm your security system. No chirp sound will be heard and the arm confirmation will be through the vehicles parking lights only.



WARN-AWAY BY-PASS: Press  button twice will arm the security system and by-pass the warn-away and the warn-away  icon will disappear and tone play on the LCD transceiver.

Note: The bypass feature is programmed to activate for one arming cycle only. The security system will return to normal operation during the next arming cycle.

SHOCK SENSOR BY-PASS: Press the  button 3 times within 3 seconds, it will arm the security system and bypass the shock sensor and the shock sensor  icon will disappear on the LCD screen.

TILT SENSOR BY-PASS: Press the  button first then press  button within 3 Seconds. It will arm the security system and by-pass the tilt sensor and the tilt sensor  icon will disappear on the LCD screen.

ALL SENSORS BYPASS: Press  button 2 times within 3 seconds and hold on second time for 2 seconds until the beep confirms then release the button. It will arm the security system and bypass all sensors, the  icon,  icon and  icon will all disappear and tone play on the LCD transceiver.


HIDDEN ALARM FUNCTION: The security system will arm and with "Hidden Alarm Function", the siren / horn will be silenced even if the sensor is triggered in the armed mode. Alarm indication will only appear on the LCD Transmitter. Press and hold the  button for 1 second until the back light turns on then press the  button will Arm the security system and activate the hidden alarm

function and the hidden alarm icon  will show on the LCD screen.


PASSIVE ARMING: (See feature bank 1-08)



Active arming / disarming is controlled by your security system via the remote transmitter. This security system is equipped with an optional Passive Arming feature which allows the security system to arm 30 seconds after the last door is closed. Operation is as follows:



- Turn the ignition to the "OFF" position and exit the vehicle.
- After all entrances are closed, the security system LED will flash fast for 30 seconds. If you reopen any door / hood / trunk, the security system LED will stop flashing. It will begin flashing again once all vehicle entrances are closed.
- After the 30-second time has elapsed, the security system will automatically "ARM".

The  + **ARMED** icons and beeps play to confirm. The siren will chirp [1] time and the parking lights will flash [1] time.

PASSIVE ARMING WITH PASSIVE DOOR LOCKING: The vehicle doors will automatically lock after the passive arming cycle has been completed.


PASSIVE ARMING BY-PASS: While the system is disarmed, press and hold the  button for 3 seconds until the beep confirms and then release the button. The system will respond with [1] chirp and the LED stop to flashes. The security system will remain in this temporary state for as long as you wish.

To exit Passive arming by-pass, press the transmitter  or  button and the system will return to normal status.

- Press the  button on the transmitter, the  icon and beeps play to confirm.
- The siren will chirp twice and the parking lights will flash twice indicating that the security system is now disarmed. The vehicle's doors will unlock and the dome light will turn on for 30 seconds upon disarming.

Note: Power door locks and dome light must be installed with the security system.







ACTIVE DISARMING – UNLOCK & DISARM


SILENT DISARMING: Press and hold the transmitter  buttons for 1.0 second. This will disarm your security system. No chirp sound will be heard and the disarm confirmation will be through the vehicles parking lights only,

TAMPER DISARMING: If the alarm has been triggered, upon disarm the system's siren will chirp 4 times and the parking lights will flash 3 times telling you the alarm has been triggered during the last armed state and the triggered icon will display on the LCD screen.

AUTOMATIC RE-ARM: If this feature is selected, the security system will automatically re-arm itself in 60 seconds after disarming with remote transmitter. Automatic rearm will cancel if any door is opened before the 60 seconds timer has elapsed. (See the feature bank 1-09).

TRIGGER THE SYSTEM:




When armed, your vehicle is protected as follows:Light impact will trigger the warn-away signal  / Doors open  / Trunk open  / Hood open  / Turn on the ignition key  / lift the vehicle  will trigger the programmed sequence and the

trigger icon will flash.The  icon and trigger zone fault report will display on the LCD screen. The starter disable relay (if installed) prevents the vehicle's starter from cranking. The siren, horn, parking lights, and dome light will turn on for 30 seconds, alerting of an intrusion. It will then stop, automatic reset and re-arm. If any one of the sensors or detectors is still active, the alarm system will sound a maximum of 3times. Each time is a 30 second cycle.

NOISE ABATEMENT CIRCUIT: Your system has a "Noise Abatement Circuit". It prevents annoying repetitive trigger sequences due to faulty door pin switches or environmental conditions such as thunder, jackhammers airport noise, etc.

Here's how "Noise Abatement Circuit" works: The alarm triggers five times. Each time, it's all shock sensor triggers the alarm; the "Noise Abatement Circuit" will interpret this pattern of triggers as a false alarm. After the fifth trigger, the "Noise Abatement Circuit" ignores, or bypasses the shock sensor until a different sensor or switch is triggered.

"Noise Abatement Circuit" covers doors (Trunk / Hood / Tilt Sensor / Ignition Switch) differently: If the alarm is triggered by an open door for three full cycles, the doors will be bypassed until the trigger ceases.

PANIC FUNCTION: Press and hold the  button for 3 seconds until the beep confirms and then release the button to activate the personal protection alarm and the  icon will display on the LCD screen. The alarm Arms (or Locks in Valet) and, sounds the siren and flashes the parking lights for 30 seconds. Press the  button for 3 seconds to stop the output.

DISARMING WITHOUT A TRANSMITTER (See feature bank 1-10)

Number of presses ____

1. Turn the ignition on.
2. Press and release the button on the valet switch the correct number of times (the default s **one press**).
3. After a few seconds, the siren output ceases, and the system is disarmed.

VALET MODE:

When servicing or loaning your vehicle to others, the system should be placed in Valet Mode. Valet Mode prevents the system from remote starting and disables all alarm functions.



Enter Valet Mode:

1. Under disarmed, turn the ignition to **ON** position.
2. Press and hold valet switch for 2 seconds until the LED turns **"ON"** solid and **z z** icon will show on the LCD. The LED will remain on as long as the system is in Valet Mode.

Exit Valet Mode:

1. Turn the ignition switch to **ON**.
2. Push and hold the valet switch for 2 seconds. The LED will turn off indicating the system is exiting the Valet Mode.

Remote Valet



Under disarmed. Press the  button **1** times then press the  button. The parking lights will flash once, the remote will read "Valet On" and **z z** icon will show on the LCD.

Exit: Repeat this process to exit valet mode. The parking lights will flash twice, remote read

"Valet Off" and **z z** icon will disappear confirming valet mode is disabled

TRUNK RELEASE (AUX 1) OUTPUT.

 (See feature bank 2-07, 08)

Press and hold the  button on the transmitter for 3 seconds until the beep confirms and then release the button to remotely control the trunk release and the  icon will show on LCD screen


CLEAR THE FLASHING TAMPER WARNING MESSAGE ICONS:

The flashing warning message icons in the LCD display will clear and reset when the transmitter is used to lock the vehicle. Also, Locking then Unlocking the system will clear the flashing icons.

STOP THE TRIGGER MELODY SOUND:

While triggering the alarm, the LCD screen will alert the user through a melody sound and a flashing trigger icon. Press any button on the LCD remote to stop the melody sound only.






ILLUMINATE LCD DISPLAY:

Press and hold the  button for 1 second and the LCD indicator will light up.

REMOTE START OPERATION




TO REMOTE START THE VEHICLE:

When you want to start your vehicle:

1. Press the  button once on the transmitter.
2. The parking light will activate to indicate the remote start has received the signal. The  icon will scroll to indicate that the engine is starting.
3. After a couple of seconds with the engine running, the parking lights will turn on and the  icon, the run time start countdown **19:59** text and tones play to confirm. The countdown timer based on the 3, 10, 20, 30 or 45minutes runtime set up by your installation center. (See feature bank 3-04 setting).
4. The vehicle will run for a programmable 3 to 45 minutes cycle before shutting down. When the countdown timer is off or press  button, the system will be shut down, and the  icon will disappear and tones play on the LCD screen.
5. The vehicle refused to start running after **3** unsuccessful attempts.
6. If Remote Start fails to start, the parking light will fast flashing 4 times and the **Fail** text and a fault tone play on the LCD transceiver.

PROGRAMMABLE SAFETY START


 (See feature bank 3-08)

By default, your Silencer remote starter is programmed to start/stop after pressing the  button 1 time. This default setting can be re-programmed to require 2 presses:  . This setting is known as "Child Safety Mode".

Contact your installer to reprogram this feature if needed.

RUNTIME RESET


If more time is needed while remote start is active, runtime reset will reset the runtime counter to the pre-programmed setting. Follow the steps below to reset the runtime.

1. The remote start must already be active.
2. Press and hold the  button for 2 seconds until the beep confirms and then release the button.
3. The system will chirp 1 time and flash the parking lights 4 times and the run time Restart the countdown **19:59** text and tones play to confirm that the run time has been reset and will indicate a countdown timer based on the 3, 10, 20, 30 or 45minute run time
4. The runtime reset only available when remote start is ON.

ENTERING THE VEHICLE WHILE IT IS RUNNING via REMOTE VEHICLE START

1. Disarm the system and enter the vehicle, do not step on the foot brake.
2. Insert the key into the ignition switch and turn to the ON or RUN. The parking lights turn off to indicate remote start is off.
3. Press the brake pedal. The remote vehicle starter will disengage and the vehicle will operate normally.


TEMPORARY STOP MODE:

- This mode allows the vehicle to remain running after the key has been removed from the ignition. This feature is useful for occasions when you wish to exit and lock the vehicle for short periods of time but would like to leave the motor running and the climate control on.
1. While the vehicle is running, place the transmission in PARK, set the emergency / parking brake.
 2. With your foot off the brake pedal, press the  button once, the parking lights will turn on and the run time start countdown **19:59** text and tones play to confirm that the system has entered Temporary Stop Mode.
 3. Remove the keys from the ignition and exit the vehicle. Press the button to lock the vehicle's doors if desired.

Note: Do not leave children or animals unattended in the vehicle when using the temporary stop feature.

TO TURN OFF THE REMOTE START

When the engine is running (by remote start) and you want to stop it:

1. Press the  button once on the remote transmitter under the remote start mode.
2. Move the optional remote start enable toggle switch to the "OFF" position. (If installed)
3. Press the brake pedal.

The vehicle will shut down and turn off the parking light to indicate the engine has stopped

DISABLING THE REMOTE START SYSTEM: (If Installed)




This feature allows your system's remote start unit to be temporarily disabled to prevent the vehicle from being remote started accidentally. This feature is useful if the vehicle is being serviced or stored in an enclosed area. To disable the remote start, move the optional remote start enable toggle switch to the "OFF" position

TIMER START OPERATION

 (See feature 3-05 setting)

This feature is designed to allow the user to have the system automatically remote start at the end of a selected timed cycle. Runtime interval based on feature 3-05 option setting. The running time interval will display on 2 ways LCD remote to confirm timer start is set.

Activate Timer start on / off

Depress  button first then press  button to activate timer start (or if ON, deactivates). A chirp from siren and the parking light flashes 3 times and the  icon and the **2 or 3H** text and tone play on the LCD transceiver.

Note: For Timer Start and Daily Timer Start:

1. This will be repeated in 24 hours.
2. Manually starts or remote starts the vehicle will cancel the timer start.
3. 2 chirps from siren indicate fail setting and the **Fail** text and tone play on the LCD transceiver.

IMPORTANT: Timer Start and Daily Timer Start should be used only in open areas, never start and run the vehicle in on enclosed space as a garage or carport.

Contact your installer to reprogram this feature if needed.




DAILY TIMER START:

 (See LCD programming 2 setting)

This option will allow the user to set a predetermined time to remote start on the 2-way LCD remote. Sets the time which you would like the start the vehicle first (predetermined time based on LCD programming 2 setting)



Note: it is important that the remote time is as accurate as possible when activating the timer mode to ensure that it will start at the desired time.

Activate Daily timer start on / off:

Depress  button **2** times first then press  button (or if ON, deactivates). The parking light flashes 5 times and the  icon and the **AM 06:30** text and tone play on the LCD transceiver to confirm activates predetermined time start. The vehicle is now programmed to start at the same time of the next day. Repeat the same step to turn off daily timer start mode.

SHUTDOWN DIAGNOSTIC:

The unit has the ability to report the cause of the last shutdown of the remote start system.


Press and hold both Buttons  +  simultaneously for 2 seconds until the beep confirms and then release the button.


4 Button Remote Transmitter: The parking light and chirps will report the reason of the system last shutdown by flashing in the following grouped patterns,
LCD Remote Transceiver: The LCD display on the 2-way remote will report the reason of the last shutdown, and the **1 - 4** text and a fault tone play to confirm.


GROUP 1 (One Flash of Parking Light)		
Chirps	Shutdown Mode	Solution
1	Hood Open	<ul style="list-style-type: none">• Close the hood.• Check 16-pin Light Blue wire connection.
2	Optional Enable Switch OFF or Light Green wire must have a ground	<ul style="list-style-type: none">• Check 16-pin Light Green wire connection.• Move the Enable Toggle Switch to "ON" position. (If installed.)• Move the gear selector to "Park" / "NEUTRAL" position
3	Foot Brake on	<ul style="list-style-type: none">• Check 16pin White wire connection• Release Foot Brake.
4	System is in Valet Mode	Exit the Valet mode
5	Hi Voltage (Voltage Checking Type)	Set the "Feature 3-02 to "Low Level"
	Low or No RPM (Tachometer Checking Type)	<ul style="list-style-type: none">• Check 16-pin Pink wire connection• Set the "Feature 3-02 to "Hi Level"• Re-learning the RPM
6	The engine has run successfully but is still starting (Tachometer Checking Type)	Set the "Feature 3-02 to "Low Level"





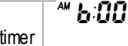

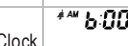



GROUP 2 (Two Flashes of Parking Light)		
Chirps	Shutdown Mode	Solution
1	Alarm triggered	Disarm or Reset Alarm
2	Running Time expired	
3	Transmitter Shutdown	
4	Over-Rev Shutdown	
5	Wait-to-start input timed out	See the Feature 3-07 (For Diesel Engine Only)

LCD Remote Control Program Setting

Enter: 1. Press  2 times and hold the second times for 2.0 seconds until the beep confirms and then release the button and the **LCd** text will display on LCD screen.

2. Press  button confirm the selection and move to the next setting, and the **"Display"** text and a tone play to confirm.

Exit and save: Wait for 10 seconds or press and hold the  button for 3 seconds until 2 beeps are heard and then release the button to exit and save the setting.

	Feature	Display	 button	 button		Function / Description
1	Time		Adjusts Hour	Adjusts Minute		Sets the time on your remote
2	Daily timer start	  flash	Adjusts Hour	Adjusts Minute		Sets the time at which you want your vehicle to start every day.
3	Alarm Clock Time	  flash	Adjusts Hour	Adjusts Minute	On/Off	Sets the time which you would like the remote alarm clock to alert you.
4	Parking Meter Timer	  flash	Adjusts Hour	Adjusts Minute	On/Off	Sets the time which you would like the parking meter timer to alert you.
5	Backlight delay	5 / 10 / OFF	5 sec	10 sec	OFF	Sets the Backlight of LCD